

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :  
Shirou SAWA et al. : **Mail Stop: PCT**  
Serial No. 10/568,418 : Attorney Docket No. 2006\_0177A  
Filed February 14, 2006 :



AQUEOUS INTRAOCULAR PENETRATION-  
PROMOTING EYE DROP  
[Corresponding to PCT/JP2005/020302  
Filed November 4, 2005]

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

- ☒ each U.S. Patent and U.S. Patent application publication;
- ☐ each reference previously cited in the international application PCT/\_\_\_\_\_; and/or
- ☐ each reference previously cited in prior parent application Serial No. \_\_\_\_\_.

1a. ☒ This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, or

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

**and thus no certification and/or fee is required.**

1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

(1) ☐ the certification of paragraph 2 below is provided, **or**

(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

**the certification of paragraph 2 below is provided, and**

**the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.**

2. It is hereby certified

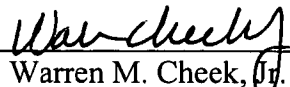
a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or

b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.
4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
- a. ☐ a full or partial English language translation submitted herewith,
  - b. ☐ a foreign patent office search report (in the English language) submitted herewith,
  - c. ☐ the concise explanation contained in the specification of the present application at page,
  - d. ☐ the concise explanation set forth in the attached English language abstract,
  - e. ☐ the concise explanation set forth below or on a separate sheet attached to the reference:
5. ☒ A foreign patent office search report in Japanese language citing one or more of the references is enclosed along with the Written Opinion in Japanese language.

Respectfully submitted,

Shirou SAWA et al.

By   
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April 26, 2006

## INFORMATION DISCLOSURE STATEMENT

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

Date Submitted to PTO: April 26, 2006

ATTY DOCKET NO.  
2006\_0177ASERIAL NO.  
10/568,418APPLICANT  
Shirou SAWA et al.FILING DATE  
February 14, 2006

GROUP

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/G.H./	AA	4,910,225	3/1990	Ogawa et al.			Corresponds to AJ
	AB	6,281,224	8/2001	Miyagi et al.			Corresponds to AL
	AC	5,945,121	8/1999	Kato et al.			Corresponds to AN
	AD	6,335,335	1/2002	Higashiyama et al.			Corresponds to AO
	AE	4,829,088	5/1989	Doulakas			Corresponds to BF
	AF	4,829,083	5/1989	Doulakas			Corresponds to BG
/G.H./	AG	2005/0239895	10/2005	Sawa et al.			Corresponds to BH
	AH						
	AI						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
/G.H./	AJ	2-124817	5/1990	JP			Abstract
/G.H./	AK	11-335301	12/1999	JP	Translated claims and effect of invention only		Partial
/G.H./	AL	8-291065	11/1996	JP			Abstract
/G.H./	AM	2002-114711	4/2002	JP	Abstract only		Abstract
/G.H./	AN	96/19211	6/1996	WO			Abstract
/G.H./	AO	99/22715	5/1999	WO			Abstract
/G.H./	AP	63-301822	12/1988	JP	Abstract only		Abstract
/G.H./	AQ	59-89617	12/1988	JP	Abstract only		Abstract

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

/G.H./	AR	H. Sasaki et al., "Different Effects of Absorption Promoters on Corneal and Conjunctival Penetration of Ophthalmic Beta-Blockers", Pharmaceutical Research, Vol. 12, No. 8, pp. 1146-1150, 1995.					
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EXAMINER

/Gigi Huang/

DATE CONSIDERED

02/15/2008

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U.S. DEPARTMENT OF COMMERCE  
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GROUP

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BA						
	BB						
	BC						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
/G.H./	BD	59-89616	5/1984	JP	Abstract only		Abstract
/G.H./	BE	61-12617	1/1986	JP	Abstract only		Abstract
/G.H./	BF	62-242617	10/1987	JP			NO
/G.H./	BG	62-242618	10/1987	JP			NO
/G.H./	BH	2004/064828	8/2004	WO			Abstract
/G.H./	BI	2005/046700	5/2005	WO			Abstract
	BJ						
	BK						

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

/G.H./	BL	H. Sasaki et al., "Ophthalmic Preservatives as Absorption Promoters for Ocular Drug Delivery", J. Pharm. Pharmacol., Vol. 47, pp. 703-707, 1995.
	BM	
	BN	

EXAMINER

/Gigi Huang/

DATE CONSIDERED

02/15/2008

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.